

**=> IFW:      Scan as Doc Code: SRNT    <=  
                 Doc Date:**

## **TC 3700 Inventor Search Program**

See attached inventor searches for applications and/or patents to help resolve questions of overlapping subject matter. These searches are provided as an initial examination aid: examiners should perform updated or expanded PALM or EAST inventors searches as appropriate.

---

### **Serial Number:**

- 1.) See attached printout of inventors listed in PALM**
  
- 2.) See attached EAST Inventor Search  
Printout shows Inventor search terms**



PALM INTRANET

Day : Friday  
Date: 7/7/2006  
Time: 11:21:23

## Inventor Information for 10/672436

Inventor Name	City	State/Country
CHEN, WILLIAM	FOSTER CITY	CALIFORNIA
CHEN, JAU-YUEN	PALO ALTO	CALIFORNIA

<a href="#">Appln Info</a>	<a href="#">Contents</a>	<a href="#">Petition Info</a>	<a href="#">Atty/Agent Info</a>	<a href="#">Continuity/Reexam</a>	<a href="#">Foreign C</a>
----------------------------	--------------------------	-------------------------------	---------------------------------	-----------------------------------	---------------------------

Search Another: Application#

or Patent#

PCT /       /

or PG PUBS #

Attorney Docket #

Bar Code #

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

US 20010002330 A1	US- PGPUB	20010531	14	Rolling ball connector	438/613	257/738; 257/E21.511; 438/106; 438/118; 438/455	Benenati, Joseph A. et al.
US 20020076497 A1	US- PGPUB	20020620		Method of forming selective electroless plating on polymer surfaces	427/304	205/126; 427/305; 427/554; 427/555; 427/97.5; 427/98.5; 427/99.1; 427/99.5; 430/314; 430/315; 430/317	Chen, William T. et al.
US 20020092829 A1	US- PGPUB	20020718		CURRENT LIMITING CIRCUIT BREAKER	218/89		Chen, William Weizhong et al.
US 20020094128 A1	US- PGPUB	20020718	13	Image artifact removal technique for LCP	382/261	382/205; 382/224; 382/264; 382/275	Shu, Joseph et al.
US 20020094129 A1	US- PGPUB	20020718		Memory efficient image artifact removal technique for LCP	382/261	382/205; 382/224; 382/264; 382/275	Chen, Jau- Yuen et al.
US 20020119251 A1	US- PGPUB	20020829		Method and apparatus for forming a metallic feature on a substrate	427/256	118/402; 427/301	Chen, William T. et al.
US 20020184824 A1	US- PGPUB	20021212		Movable barrier operator having cable tension sensor and door lock mechanism	49/322		McCartney, Phillip et al.
US 20020196592 A1	US- PGPUB	20021226		Positive temperature coefficient resistivity protected power transformer	361/35		Chen, William W. et al.
US 20030035100 A1	US- PGPUB	20030220		Automated lens calibration	356/124		Dimsdale, Jerry et al.
US 20030050116 A1	US- PGPUB	20030313		Picture video signal converting/processing circuit for GBA	463/30		Chen, William

				(gameboy advance) or GBC (gameboy color)			
US 20030053086 A1	US- PGPUB	20030320		Color processing architecture and algorithms for color laser printers	358/1.9	358/3.13; 358/3.23	Chen, Jau- yuen et al.
US 20030061140 A1	US- PGPUB	20030327		Technology evaluation system and method	705/36R		Chen, William
US 20030090351 A1	US- PGPUB	20030515		Electrical contactor with positive temperature coefficient resistivity element	335/132		Chen, William Weizhong et al.
US 20030095014 A1	US- PGPUB	20030522		Connection package for high-speed integrated circuit	333/33	257/E23.069; 333/247; 333/260	Lao, Binneg Y. et al.
US 20030096447 A1	US- PGPUB	20030522		Single and multiple layer packaging of high-speed/high- density ICs	438/106	257/E23.069	Lao, Binneg Y. et al.
US 20030194007 A1	US- PGPUB	20031016		Method and apparatus for memory efficient compressed domain video processing	375/240.2		Chen, William et al.
US 20030202603 A1	US- PGPUB	20031030		Method and apparatus for fast inverse motion compensation using factorization and integer approximation	375/240.25	375/240.17	Chen, William et al.
US 20030207599 A1	US- PGPUB	20031106		Signal extension card socket for aligned wire connector	439/79		Chen, William
US 20030235248 A1	US- PGPUB	20031225		Hybrid technique for reducing blocking and ringing artifacts in low-bit-rate coding	375/240.12	375/240.18; 375/240.23; 375/240.24	Kim, Changick et al.
US 20040065949 A1	US- PGPUB	20040408		[SOLDER BUMP]	257/692	257/E23.021	Chen, William Tze-You et al.
US 20040092318 A1	US- PGPUB	20040513		External light carrying device for Gameboy Advance	463/47		Chen, William

US 20040104484 A1	US- PGPUB	20040603		[UNDER-BALL- METALLURGY LAYER]	257/772	257/E21.508; 257/E23.02; 257/E23.021	Chen, William Tze-You et al.
US 20040113272 A1	US- PGPUB	20040617		[BUMP AND FABRICATING PROCESS THEREOF]	257/737	257/E21.508; 257/E23.021	CHEN, WILLIAM TZE-YOU et al.
US 20040113273 A1	US- PGPUB	20040617		UNDER-BUMP- METALLURGY LAYER FOR IMPROVING ADHESION	257/737	257/738; 257/751; 257/753; 257/762; 257/778; 257/781; 257/E21.508; 257/E23.021	Chen, William Tze-You et al.
US 20040124992 A1	US- PGPUB	20040701		Barrier movement position sensing	340/686.1		Pulis, Derek et al.
US 20040158878 A1	US- PGPUB	20040812		Power scalable digital video decoding	725/150		Ratnakar, Viresh et al.
US 20050024486 A1	US- PGPUB	20050203		Video codec system with real-time complexity adaptation	348/14.13		Ratnakar, Viresh et al.
US 20050024487 A1	US- PGPUB	20050203		Video codec system with real-time complexity adaptation and region-of-interest coding	348/14.13	348/14.08	Chen, William
US 20050063165 A1	US- PGPUB	20050324		Placement of sacrificial solder balls underneath the PBGA substrate	361/771	257/E23.069; 257/E23.07; 361/704; 361/707	Chang, Chi Shih et al.
US 20050073036 A1	US- PGPUB	20050407		Overmolded optical package	257/678	257/E23.092; 257/E31.117; 257/E31.127; 438/106	Appelt, Bernd Karl et al.
US 20050078868 A1	US- PGPUB	20050414		Method and apparatus for summarizing and indexing the contents of an audio-visual presentation	382/171	345/419; 345/427; 345/428; 345/581; 348/672; 382/106;	Chen, William et al.

						382/107; 382/168; 382/173; 382/224; 725/41; 725/52	
US 20050135084 A1	US- PGPUB	20050623		Power tool	362/109		Chen, William et al.
US 20050151540 A1	US- PGPUB	20050714		MAGNETIC RESONANCE IMAGING MAGNETIC FIELD GENERATOR	324/318		Shi, Shaohui et al.
US 20050163378 A1	US- PGPUB	20050728		EXIF-based imaged feature set for content engine	382/190	707/3	Chen, Jau- Yuen
US 20050200014 A1	US- PGPUB	20050915		Bump and fabricating process thereof	257/737	257/E21.508; 257/E23.021	Chen, William Tze-You et al.
US 20050289290 A1	US- PGPUB	20051229		In-circuit programming architecture with processor and delegable flash controller	711/103		Chen, William et al.
US 20060006309 A1	US- PGPUB	20060112		Method and apparatus for high resolution 3D imaging	250/206.1		Dimsdale; Jerry et al.
US 20060029181 A1	US- PGPUB	20060209		UPRIGHT CT SCANNER	378/17	378/20	Chen; William Barry et al.
US 20060041712 A1	US- PGPUB	20060223		In-circuit programming architecture with processor, delegable flash controller, and code generator	711/103		Sun; Albert C. et al.
US 20060088185 A1	US- PGPUB	20060427		Data embedding scheme for duplex color laser printer	382/100	382/162	Chen; Jau- Yuen
US 20060134338 A1	US- PGPUB	20060622	12	Method and apparatus for forming a metallic feature on a substrate	427/402		Chen; William T. et al.
US 2802734	USPAT	19570813		Media for dispersing	162/156	162/158;	DAVID

A				glass fibers [TEXT AVAILABLE IN USOCR DATABASE]		162/181.2; 162/181.6	BANDEL et al.
US 3492606 A	USPAT	19700127		TRANSVERSAL FILTERS [TEXT AVAILABLE IN USOCR DATABASE]	333/166	327/309	CHEN WILLIAM I H et al.
US 3652952 A	USPAT	19720328		ELECTRONICALLY VARIABLE LINE BUILD-OUT NETWORK	330/286	330/151; 330/295; 333/18; 333/23	Chen; William I- Hsuan
US 4175213 A	USPAT	19791120		Regenerator having automatic gain control referenced to a data-pattern-dependent pulse stream	178/70R		Chen; William I.
US 4518930 A	USPAT	19850521		Negative resistance circuit for VCO	331/36C	331/115; 331/116R; 331/132; 331/177V; 333/217	Rozema; John G. et al.
US 4598662 A	USPAT	19860708		Drum coagulator for preparing microporous membranes	118/34	118/118; 118/419; 210/500.42; 427/173; 427/176; 427/245; 492/30	Chen; William K. W.
US 4767980 A	USPAT	19880830		Inductance multiplier circuit	323/356	379/413	Chen; William I. H. et al.
US 4906803 A	USPAT	19900306		Flexible supporting cable for an electronic device and method of making same	174/254	361/751; 439/77	Albrechta; Stanley M. et al.
US 5179716 A	USPAT	19930112		Programmable expandable controller with flexible I/O	712/38		Agrawal; Om P. et al.
US 5265430 A	USPAT	19931130		Actively cooled baffle for superconducting magnet penetration	62/48.1	62/51.1	Chen; William E. et al.

				well			
US 5359767 A	USPAT	19941101		Method of making multilayered circuit board	29/830	174/266; 29/852; 427/97.2; 427/98.3	Chen; William T. et al.
US 5402779 A	USPAT	19950404		Method for the non- invasive detection of an intravascular injection of an anesthetic by the use of an indicator dye	600/322		Chen; William X. et al.
US 5442144 A	USPAT	19950815		Multilayered circuit board	174/266	174/250; 174/260; 174/262; 361/784; 361/792	Chen; William T. et al.
US 5515433 A	USPAT	19960507		Resistance forward telephone line feed circuit	379/398	379/378; 379/402; 379/405; 379/413	Chen; William I. H.
US 5613367 A	USPAT	19970325		Cryogen recondensing superconducting magnet	62/47.1	62/295; 62/51.1	Chen; William E.
US 5629658 A	USPAT	19970513		Methods of arc suppression and circuit breakers with electronic alarmers	335/201	218/4	Chen; William W.
US 5694577 A	USPAT	19971202		Memory conflict buffer for achieving memory disambiguation in compile-time code schedule	711/167	711/118; 711/144; 711/145; 711/154	Kiyohara; Tokuzo et al.
US 5702654 A	USPAT	19971230		Method of making thermal shock resistant sapphire for IR windows and domes	264/82	264/1.21; 264/235; 264/346	Chen; William W. et al.
US 5709336 A	USPAT	19980120		Method of forming a solderless electrical connection with a wirebond chip	228/116	228/180.22; 228/191; 257/E21.511; 257/E21.525; 257/E23.069; 29/832	Ingraham; Anthony Paul et al.
US 5756141	USPAT	19980526		Method for producing	426/599	210/651;	Chen; Chin



A				ready to pour frozen concentrated clarified fruit juice, fruit juice produced therefrom, and high solids fruit product		426/330.5; 426/489; 426/521	Shu et al.
US 5758979 A	USPAT	19980602		Printer cartridge ribbon inking system	400/197	400/194	Chen; William T.
US 5771567 A	USPAT	19980630		Methods of fabricating continuous transverse stub radiating structures and antennas	29/600	29/25.35	Pierce; Brian M. et al.
US 5773132 A	USPAT	19980630		Protecting copper dielectric interface from delamination	428/209	427/327; 427/97.2; 427/98.8; 427/99.5; 428/413; 428/901	Blumberg; Lawrence Robert et al.
US 5782095 A	USPAT	19980721		Cryogen recondensing superconducting magnet	62/47.1	62/51.1	Chen; William E.
US 5886860 A	USPAT	19990323		Circuit breakers with PTC (Positive Temperature Coefficient resistivity	361/9	361/106; 361/13; 361/165; 361/45	Chen; William Weizhong et al.
US 5903749 A	USPAT	19990511		Method and apparatus for implementing check instructions that allow for the reuse of memory conflict information if no memory conflict occurs	712/226		Kenner; H. Roland et al.
US 5933311 A	USPAT	19990803		Circuit breaker including positive temperature coefficient resistivity elements having a reduced tolerance	361/106	361/111; 361/58	Chen; William W. et al.
US 5942343 A	USPAT	19990824		Bonded sapphire, and method of making same	428/700	264/1.21; 264/1.7; 264/235; 264/345;	Chen; William W.

						428/701; 428/702	
US 5959348 A	USPAT	19990928		Construction of PBGA substrate for flip chip packing	257/700	257/697; 257/698; 257/701; 257/778; 257/E21.503; 257/E23.067; 257/E23.194	Chang; Chi Shih et al.
US 5999384 A	USPAT	19991207		Circuit interrupter with arcing fault protection and PTC (positive temperature coefficient resistivity) elements for short circuit and overload protection	361/42	361/106; 361/93.6; 361/93.7; 361/93.8; 361/93.9	Chen; William W. et al.
US 6013355 A	USPAT	20000111		Testing laminates with x-ray moire interferometry	428/209	257/797; 257/E21.53; 428/210; 428/432; 428/689	Chen; William Tze-You et al.
US 6020802 A	USPAT	20000201		Circuit breaker including two magnetic coils and a positive temperature coefficient resistivity element	335/172	335/23; 335/35; 335/43	Larson; Brett E. et al.
US 6045728 A	USPAT	20000404		Method of treating a zinc sulfide body formed by chemical vapor deposition to increase its rain erosion durability	264/1.21	264/340; 264/346	Chen; William W. et al.
US 6072673 A	USPAT	20000606		Medium to high voltage load circuit interrupters including metal resistors having a positive temperature coefficient of resistivity (PTC elements)	361/9	361/13; 361/14	Chen; William W. et al.
US 6151226 A	USPAT	20001121		Four quadrant power conversion topology	363/26	363/133; 363/25	Chen; William I. H. et al.
US 6169389	USPAT	20010102		Pumped capacitive	320/166	320/167	Chen;

B1				storage system			William I. H.
US 6177729 B1	USPAT	20010123		Rolling ball connector	257/738	257/737; 257/778; 257/E21.511	Benenati; Joseph A. et al.
US 6209039 B1	USPAT	20010327		Method and apparatus for providing an interface between a plurality of frame relay networks	709/249	340/825; 370/248; 370/489; 709/208; 709/209; 709/211	Albright; Martin et al.
US 6214642 B1	USPAT	20010410		Area array stud bump flip chip device and assembly process	438/108	257/780; 257/781; 257/782; 257/783; 257/E21.503; 257/E21.511; 257/E21.514; 438/106; 438/107; 438/127; 438/15; 438/25; 438/612; 438/613	Chen; William T. et al.
US 6255599 B1	USPAT	20010703		Relocating the neutral plane in a PBGA substrate to eliminate chip crack and interfacial delamination	174/255	174/260; 174/524; 257/778; 257/E21.503; 257/E23.062; 257/E23.069	Chang; Chi Shih et al.
US 6258627 B1	USPAT	20010710		Underfill preform interposer for joining chip to substrate	438/108	257/E21.503; 257/E21.508; 438/106; 438/118	Benenati; Joseph A. et al.
US 6288883 B1	USPAT	20010911		Power input protection circuit	361/58		Chen; William I. H.
US 6313723 B1	USPAT	20011106		Remote controllable circuit breakers with positive temperature coefficient resistivity (PTC) elements	335/6	335/13; 335/43; 335/7; 361/103; 361/106; 361/115	Chen; William W. et al.
US 6351849 B1	USPAT	20020226		Compiler optimization through	717/159	717/140	Chen; William Y.

				combining of memory operations			
US 6353182 B1	USPAT	20020305		Proper choice of the encapsulant volumetric CTE for different PGBA substrates	174/521	174/255; 174/260; 174/539; 257/632; 257/678; 257/701; 257/737; 257/738; 257/E21.503; 257/E23.062; 257/E23.069; 361/748; 361/767	Chang; Chi Shih et al.
US 6358627 B2	USPAT	20020319		Rolling ball connector	428/612	257/E21.511; 438/613; 438/666	Benenati; Joseph A. et al.
US 6403882 B1	USPAT	20020611		Protective cover plate for flip chip assembly backside	174/565	174/261; 257/659; 257/660; 257/700; 257/707; 257/708; 257/712; 257/E23.069; 257/E23.101; 257/E23.135; 361/753; 361/799; 361/800; 361/816; 361/818; 438/108	Chen; William Tze-You et al.
US 6414256 B1	USPAT	20020702		Current limiting circuit breaker	218/89	218/117; 335/16; 335/201	Chen; William Weizhong et al.
US 6429530 B1	USPAT	20020806		Miniaturized chip scale ball grid array semiconductor package	257/778	257/787; 257/E23.129; 438/113; 438/124; 438/126; 438/127; 438/458; 438/460	Chen; William Tze-You

US 6437960 B1	USPAT	20020820		Current limiting circuit breaker with positive temperature coefficient resistivity (PTC) element and insertable insulating object	361/103	361/58; 361/93.1	Chen; William Weizhong et al.
US 6505345 B1	USPAT	20030107		Optimization of initialization of parallel compare predicates in a computer system	717/154	712/216	Chen; William Y. et al.
US 6560085 B1	USPAT	20030506		Circuit breaker including positive temperature coefficient resistivity element and current limiting element	361/103	361/102	Chen; William W. et al.
US 6608900 B1	USPAT	20030819		Load management system for an electrical device	379/413	307/39; 307/41	Yancey; Edwin Glenn et al.
US 6631460 B1	USPAT	20031007		Advanced load address table entry invalidation based on register address wraparound	712/217	712/216; 712/228	Morris; Dale C. et al.
US 6631465 B1	USPAT	20031007		Method and apparatus for instruction re-alignment using a branch on a falsehood of a qualifying predicate	712/234	712/241; 717/159; 717/160	Chen; William Y. et al.
US 6637026 B1	USPAT	20031021		Instruction reducing predicate copy	717/151	712/226; 717/144; 717/150; 717/155; 717/156; 717/159; 717/161; 718/103	Chen; William Y.
US 6664878 B1	USPAT	20031216		Method for assembling magnetic members for magnetic resonance imaging magnetic field generator	335/296	324/319; 335/298; 335/306	Chen; William E-Wei et al.

US 6732356 B1	USPAT	20040504		System and method of using partially resolved predicates for elimination of comparison instruction	717/156	717/152; 717/153	Chen; William Y.
US 6741655 B1	USPAT	20040525		Algorithms and system for object-oriented content-based video search	375/240.26	375/240.08	Chang; Shih-Fu et al.
US 6765695 B2	USPAT	20040720		Color processing architecture and algorithms for color laser printers	358/1.9	358/3.05; 358/3.13; 358/3.21; 358/3.23; 358/515	Chen; Jau-Yuen et al.
US 6782662 B2	USPAT	20040831		Movable barrier operator having cable tension sensor and door lock mechanism	49/197		McCartney; Phillip et al.
US 6803252 B2	USPAT	20041012		Single and multiple layer packaging of high-speed/high-density ICs	438/106	257/E23.069; 438/122; 438/123	Lao; Binneg Y. et al.
US 6819002 B2	USPAT	20041116		Under-ball-metallurgy layer	257/779	257/738; 257/761; 257/762; 257/763; 257/764; 257/766; 257/772; 257/780; 257/781; 257/E21.508; 257/E23.02; 257/E23.021	Chen; William Tze-You et al.
US 6829149 B1	USPAT	20041207		Placement of sacrificial solder balls underneath the PBGA substrate	361/771	257/E23.069; 257/E23.07; 361/704; 361/707; 361/712; 361/714	Chang; Chi Shih et al.
US 6838806 B2	USPAT	20050104		Vibratory in-plane tunneling gyroscope	310/309		Chua; Bee Lee et al.
US 6842112 B2	USPAT	20050111		Barrier movement position sensing	340/524	318/264; 318/466; 340/545.1;	Pulis; Derek et al.

						340/545.4; 340/686.1; 42/13	
US 6863936 B2	USPAT	20050308		Method of forming selective electroless plating on polymer surfaces	427/554	205/126; 205/136; 205/92; 216/64; 216/94; 219/121.69; 219/121.71; 427/304; 427/306	Chen; William T. et al.
US 6864168 B2	USPAT	20050308		Bump and fabricating process thereof	438/614	257/E21.508; 257/E23.021; 438/613; 438/617	Chen; William Tze-You et al.
US 6879733 B2	USPAT	20050412		Image artifact removal technique for LCP	382/275	358/3.26; 382/261; 382/264	Shu; Joseph et al.
US 6879734 B2	USPAT	20050412		Memory efficient image artifact removal technique for LCP	382/275	358/3.26; 382/261; 382/264	Chen; Jau- Yuen et al.
US 6891274 B2	USPAT	20050510		Under-bump- metallurgy layer for improving adhesion	257/780	257/737; 257/738; 257/762; 257/763; 257/764; 257/765; 257/766; 257/768; 257/778; 257/779; 257/784; 257/786; 257/E21.508; 257/E23.021	Chen; William Tze-You et al.
US 6950473 B2	USPAT	20050927		Hybrid technique for reducing blocking and ringing artifacts in low-bit-rate coding	375/240.29		Kim; Changick et al.
US 6956375 B2	USPAT	20051018		Magnetic resonance imaging magnetic field generator	324/319	324/318	Shi; Shaohui et al.
US 6958671 B2	USPAT	20051025		Electrical contactor with positive	335/80	335/132; 335/201;	Chen; William

				temperature coefficient resistivity element		361/165	Weizhong et al.
US 7003070 B1	USPAT	20060221		Upright CT scanner	378/17	378/20	Chen; William Barry et al.
US 7026012 B2	USPAT	20060411		Method and apparatus for forming a metallic feature on a substrate	427/304	427/271; 427/305; 427/306; 427/316; 427/404; 427/430.1; 427/443.1	Chen; William T. et al.
US 7029142 B2	USPAT	20060418		Power tool	362/119	173/4; 362/109	Chen; William et al.
US D409183 S	USPAT	19990504		Joystick for video game	D14/401	D21/333	Chen; William
US D436972 S	USPAT	20010130		Microscope	D16/131		Tai; Ernest et al.